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INFO	RMATION	DISCLOS	JRE		Complete if Known		
STATEMENT BY APPLICANT				Application Number	09/517,466		
				Filing Date	Mar 2, 2000		
				First Named Inventor	James L. HARTLEY		
				Art Unit	1634		
				Examiner Name	JOHANNSEN, Diana B.		
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Sheet	1	of	6	Attorney Docket No: IVGN 223			

US PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Applicant of Cited Pages, Columns, Line:								
	Examiner Initial *	No		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear		
30000	000000000000000000000000000000000000000	00000000000000000000000000000000000000	08/486,189	000000000000000000000000000000000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	000000000000000000000000000000000000000	•	
00000	000000000000000000000000000000000000000	_A2	09/177,387		Hartley, James L.			
30000	0000000000000000000000	₩₩.		020000000000000000000000000000000000000	whattey was a fire a f	000000000000000000000000000000000000000	•	
		A4	09/517,466	Mar 2, 2000	Hartley, James et al.			
9999	***************************************	A5	09/518,188		Hartiey, James		ľ	
20000	0000000000000000000000	∕4√6	-09/648,790	000000000000000000000000000000000000000	whattay, water as	000000000000000000000000000000000000000	-	
0000		A.Z	09/695,065	000000000000000000000000000000000000000	Brasch, Michael	***************************************		
		A 8	2002/0006664	Jan 17, 2002	Sabatini, D. M.			
		A 9	2002/0094574	Jul 18, 2002	Hartley, James et al.			
		A 10	2002/0172997	Nov 21, 2002	Hartley, J. L., et al.			
		A11	2002/0192819	Dec 19, 2002	Hartley, James et al.			
		A12	2003/0032203	Feb 13, 2003	Sabatini, David et al.			
		A13	2003/0054552	Mar 20, 2003	Hartl;ey, J. L., et al.			
		A14	2003/0064515	Apr 3, 2003	Hartley, James et al.			
		A15	2003/0068799	Apr 10, 2003	Hartley, James et al.			
		A16	2003/0077804	Apr 24, 2003	Byrd, Devon R., et al.			
		A17	2003/0124555	Jul 3, 2003	Brasch, Michael A., et al.			
		A 18	2003/0157662	Aug 21, 2003	Gerard, G. F., et al.			
		A19	2003/0157716	Aug 21, 2003	Hartley, James L., et al.			
		A20	2003/0175970	Sep 18, 2003	Hartley, James L., et al.			
		A21	2003/0203486	Oct 30, 2003	Sabatini, David M.			
		A22	2004/0253631	Dec 16, 2004	Hartley, J. L., et al.			
		A23	2006/0008817	Jan 12, 2006	Carrino, J. et al.			
		A24	2007/0128725	Jun 7, 2007	Brasch, M. A., et al.			
		A25	2007/0184451	Aug 9, 2007	Byrd, D. R., et al.			
		A26	5258294	Nov 2, 1993	Boyle, B. D., et al.			
		A27	6140086	Oct 31, 2000	Fox, Donna K., et al.			
		A28	7176029	Feb 13, 2007	Bernard, Philippe et al.			
		A29	7223576	May 29, 2007	Hartley, James L., et al.			
		A 30	7282326	Oct 16, 2007	Hartley, James L., et al.			
		A31	7304130	Dec 4, 2007	Hartley, James L., et al.			
		A32	7351578	Apr 1, 2008	Cheo, David et al.			
		A33	7393632	Jul 1, 2008	Cheo, David et al.			
		A34	7408049	Aug 5, 2008	Hartley, James L., et al.			

	e for form 1449A		e, ne poteche t	are required to respond to a consection	of information unless it contains a valid OMB control number	
INFO	RMATION	DISCLOSU	JRE		Complete if Known	
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				Examiner Name	JOHANNSEN, Diana B.	
(U	Use as many she	eets as necessary)				
Sheet	2	of	6	Attorney Docket No: IVGN 223		

		FC	<u> DREIGN PATE</u>	NT DOCUMENTS		
Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear	τ² /D B
	B1	CA-2226463	Dec 19, 2006	Brasch, M. A., et al. English	abstract	onl
	B2	EP-0937098	Aug 14, 2002	Hartley, James L., et al.		
	В3	EP-220009	Feb 10, 1993	Sauer, Brian L.		
	B4	WO-1991/09957	Jul 11, 1991	Odell, Joan et al.		
	B5	WO-1992/015694	Sep 17, 1992	Wahl, Geoffrey M., et al.		
	В6	WO-1994/018333	Aug 18, 1994	Boyd, Alan C.		
	В7	WO-1994/03624	Feb 17, 1994	Auerbach, Jeffrey I.		
	В8	WO-1996/023904	Aug 8, 1996	Auerbach, Jeffrey I.		
	В9	WO-1996/40724	Dec 19, 1996	Hartley, James L., et al.		
	B10	WO-1999/021977	May 6, 1999	Hartley, James L., et al.		
	B11	WO-2000/029000	May 25, 2000	Gerard, Gary F., et al.		
	B12	WO-2000/052027	Sep 8, 2000	Hartley, James L., et al.		
	B13	WO-2000/052141	Sep 8, 2000	Hartley, James L., et al.		
	B14	WO-2000/060091	Oct 12, 2000	Sauer, Brian L., et al.		
	B15	WO-2001/020015	Mar 22, 2001	Sabatini, David M.		
	B16	WO-2001/031039	May 3, 2001	Brasch, Michael A., et al.		
	B17	WO-2001/042509	Jun 14, 2001	Cheo, David et al.		
	B18	WO-2002/061034	Aug 8, 2002	Carrino, John et al.		
500000000000000000000000000000000000000		₩ ○ 2002/002957	Aug 15, 2002	Byrd, Devon et al.	200000000000000000000000000000000000000	0000000000
000000000000000000000000000000000000000	B20			Sabatini, David M.	000000000000000000000000000000000000000	000000000
000000000000000000000000000000000000000	B21	WO-2002/086144	Oct-31,-2002	Byrd, Deven R., et al.	200000000000000000000000000000000000000	000000000000000000000000000000000000000
**********************	B22	MO 5005/082022	Nov 28, 2002	Brasch, Michael A., et al.	***************************************	*********
	B23	WO-2003/025161	Mar 27, 2003	Farmer, Andrew et al.		
500000000000000000000000000000000000000	B24	WO 2004/010200	Feb 12, 2004	······································	500000000000000000000000000000000000000	0000000000

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

	e for form 1449A		5, no persons a	are required to respond to a collection of	of information unless it contains a valid OMB control number	
INFO	RMATION	DISCLOS	JRE		Complete if Known	
STAT	EMENT B	Y APPLICA	ANT	Application Number	09/517,466	
				Filing Date	Mar 2, 2000	
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				Art Unit	1634	
				Examiner Name	JOHANNSEN, Diana B.	
(1	Use as many she	eets as necessary)				
Sheet	3	of	6	Attorney Docket No: IVGN 223		

	Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T²	ı
			publisher, city and/or country where published.		ı
0000	000000000000000000000000000000000000000		00914799:2, European Search Report mailed on 04/02/2004.	adaccoccoccocc	2000
ww	***************************************	~	02001134:2, European Search Report mailed on 00/27/2002.		
0000	000000000000000000000000000000000000000	~~	- 02001135.0, European Search Report mailed on 07/01/2002.	000000000000000000000000000000000000000	20000
0000	000000000000000000000000000000000000000	<u>C4</u>	02001135 9 Furopean Search Report mailed on 10/08/2002	.00000000000000000000000000000000000000	0000
		C5	09/177,387, Office Action mailed on 05/22/2000.		i
		C6	09/177,387, Office Action mailed on 01/25/2001.		ı
		C7	09/177,387, Office Action mailed on 07/26/2004.		i
		C8	09/177,387, Office Action mailed on 06/24/1999.		ı
		C9	09/177,387, Office Action mailed on 10/11/2001.		i
		C10	09/177,387, Response to 01/25/01 Office Action, Filed on 07/25/2001.		i
		C11	09/177,387, Response to 03/15/99 Office Action, Filed on 04/15/1999.		i
*****	***************		09/177,387, Response to 03/15/99 Office Action, Filed on 03/15/1999.		5555
0000	000000000000000000000000000000000000000		09/177,387, Response to 05/22/00 Office Action, Filed on 08/22/2000	000000000000000000000000000000000000000	20000
		C14	09/177,387, Response to 09/24/99 Office Action, Filed on 12/23/1999.		i
		C15	09/432,085, Notice of Allowance mailed on 06/28/2007.		i
		C16	09/432,085, Office Action mailed on 02/07/2007.		i
0000	000000000000000000000000000000000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	09/492;005; Response to 02/07/07 Office Action; Filed on 09/05/2007:		X0000
0000	000000000000000000000000000000000000000	C18	09/432,085, Response to 02/22/06 Office Action, Filed on 07/24/2006		0000
		C19	09/432,085, Supplemental Notice of Allowance 08/07/2007.		i
		C20	09/438,358, Application as Filed on 11/12/1999.		i
		C21	09/695,065, Office Action mailed 02/23/05.		i
		C22	09/695,065, Office Action mailed 03/10/06.		i
		C23	09/695,065, Office Action mailed 03/24/04.		i
		C24	09/695,065, Office Action mailed 07/17/01.		i
		C25	09/695,065, Office Action mailed 08/12/03.		i
		C26	09/695,065, Office Action mailed 04/11/02.		i
0000	000000000000000000000000000000000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	09/695,065, Response to 02/23/05 Office Action, Flied on 03/29/05.	000000000000000000000000000000000000000	0000
			99/695,965, Response to 99/24/94 Office Action, Filed on 96/29/94:		2000
0000	000000000000000000000000000000000000000	C29	09/695,065, Response to 04/11/02 Office Action, Filed on 04/11/03	000000000000000000000000000000000000000	X000C
		C30	09/695,065, Response to 05/24/01 Office Action, Filed on 06/21/01.		i
0000	000000000000000000000000000000000000000	~~~~	09/095,005, Response to 07/17/01 Office Action, Filed on 01/17/02.	300000000000000	,0000
		C32	09/695,065, Response to 08/12/03 Office Action, Filed on 10/10/03.		i
0000	000000000000000000000000000000000000000		09/695,065, Response to 16/27/04 Office Action, Filed on 01/27/05.	200000000000000000000000000000000000000	,000c
		C34	09/855,797, Office Action mailed 10/28/08.		ı
		C35	09/855,797, Office Action mailed 06/28/06.		ı
		C36	09/855,797, Office Action mailed 01/28/08.		ı

	e for form 1449A		o, no pordona c	The required to respond to a concentent	of information unless it contains a valid Civib control number.	
INFO	RMATION	DISCLOSU	JRE		Complete if Known	
STAT	EMENT B	Y APPLICA	NT	Application Number	09/517,466	
				Filing Date	Mar 2, 2000	
				First Named Inventor	James L. HARTLEY	
				Art Unit	1634	
				Examiner Name	JOHANNSEN, Diana B.	
(Use as many she	ets as necessary)				
Sheet	4	of	6	Attorney Docket No: IVGN 223		

		OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS		
•	Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
İ		C37	09/855,797, Office Action mailed 06/20/07.		
İ		C38	09/855,797, Office Action mailed 12/15/06.		
	000000000000000000000000000000000000000		09/055,797, Flesponse to 01/20/00 Office Action, Filed on 07/20/00.	000000000000000000000000000000000000000	0000
		C40	09/855,797, Response to 06/20/07 Office Action, Filed on 10/31/07.		
	***************************************	C41	09/855,797, Response to 06/28/06 Office Action, Filed on 09/28/06.	***************************************	2022
0000	000000000000000000000000000000000000000	<u></u>	09/855,797, Response to 10/11/05 Office Action, Filed on 04/11/06.	×0000000000000	2000
		C43	09/855,797, Response to 12/15/06 Office Action, Filed on 04/03/07.		
		C44	09/907,719, Office Action mailed 03/21/08.		
		C45	09/907,719, Office Action mailed 03/28/06.		
		C46	09/907,719, Office Action mailed 09/07/07.		
		C47	09/907,719, Office Action mailed 12/13/06.		
		C48	09/907,719, Response to 03/28/06 Office Action, Filed on 09/28/06.		
		C49	09/907,719, Response to 09/07/07 Office Action, Filed on 10/30/07.		
0000	000000000000000000000000000000000000000		99/997,719, Response to 12/19/96 Office Action, Filed on 96/19/97.	×000000000000	2000
		C51	10/058,291, Office Action mailed 11/26/08.		
		C52	10/058,291, Office Action mailed 04/15/08.		
		C53	10/058,291, Office Action mailed 08/11/06.		
••••		~ ~~ 54	TU/USS,Z9T, Response to U8/TT/U6 Onice Action, Filed on U2/T3/U7.	***************************************	,000
	000000000000000000000000000000000000000		10/050,291, Response to 10/21/05 Office Action, Filed on 90/20/00.	000000000000000000000000000000000000000	0000
		C56	10/058,292, Office Action mailed 08/09/06.		
		Ü57	TU/U58,292, Response to 08/09/06 Office Action, Filed on 02/09/07.		988
0000	200000000000000000000000000000000000000		10/058,292, Response to 00/09/06 Office Action, Filed on 00/00/07.	***************************************	2000
		C59	10/058,292, Response to 11/18/05 Office Action, Filed on 05/18/06	***************************************	1000
		C60	10/162,879, Office Action mailed 10/03/06.		
		C61	10/162,879, Office Action mailed 03/24/08.		
		C62	10/162,879, Office Action mailed 06/18/07.		
	000000000000000000000000000000000000000		10/162,879, Response to 10/03/06 and 06/18/07 Office Action, Filed on	000000000000000000000000000000000000000	0000
			12/18/07.		
******	000000000000000000000000000000000000000	C64	10/162,879, Response to 10/03/06 Office Action, Filed on 04/02/07	***************************************	1000
	000000000000000000000000000000000000000		19/162,879, Response to 19/29/05 Office Action, Filed on 96/29/06.	000000000000000000000000000000000000000	0000
0000		<u>C66</u>	96923288 3, Furopean Search Report mailed on 08/31/1999	×0000000000000	2000
0000	200000000000000000000000000000000000000	<u>C67</u>	98955110 6, European Search Report mailed on 09/27/2002	***************************************	2000
	000000000000000000000000000000000000000	C68	98955110 6, European Search Report mailed on 06/25/2002	000000000000000000000000000000000000000	0000

	e for form 1449A		o, no pordona c	The required to respond to a concenion of	of information unless it contains a valid OMB control number	
INFO	RMATION	DISCLOSU	JRE		Complete if Known	
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				Examiner Name	JOHANNSEN, Diana B.	
(Use as many she	ets as necessary)				
Sheet	5	of	6	Attorney Docket No: IVGN 223		

	OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C69	BAUBONIS, WENDY et al., "Genomic targeting with purified Cre recombinase", Nucleic Acids Research, Vol. 21., No. 9, Oxford Press, 1993, 2025-2029.	
	C70	BERNARD, PHILIPPE et al., "Positive-selection vectors using the F plasmid ccdB killer gene", <u>Gene</u> , Vol. 148, Elsevier Science B. V., 10/1994, 71-74.	
	C71	CSORDAS-TOTH, EVA et al., "Nucleotide sequence of a secondary attachment site for bacteriophage lambda on the Escherichia coli chromosome", <u>Nucleic Acids Research</u> , Vol. 7, No. 5, 1979, 1335-1341.	
	C72	EDLUND, THOMAS et al., "Tandem Duplication Induced by an Unusual ampA1-, ampC-Transducing Lambda Phage: A Probe to Initiate Gene Amplification", Molec. gen. Genet., Vol. 180, Department of Microbiology, University of Umea, S-901 87, Umea, Sweden, 1980, 249-257.	
	C73	ENQUIST, L. W. et al., "Strand exchange in site-specific recombination", <u>Proceedings of the National Academy of Sciences (PNAS)</u> , Vol. 76, No. 3, 3/1979, 1363-1367.	
	C74	MACHATTIE, L A. et al., "Chromosomal integration of phage [lambda] by means of a DNA insertion element", <u>Proceedings of the National Academy of Sciences</u> (PNAS), Vol. 75, No. 3, 3/1978, 1490-1494.	
	C75	MILLER, HARVEY I. et al., "Direct Role of the himA Gene Product in Phage lambda Integration", Nature, Vol. 290, 4/9/1981, 523-526.	
	C76	MILLER, HARVEY I. et al., "int-h: an int Mutation of Phage A That Enhances Site Specific Recombination", <u>Cell</u> , Vol 20, 7/1980, 721-729.	
	C77	MIZUUCHI, MICHIYO et al., "Integrative recombination of bacteriophage lambda: Extent of the DNA sequence involved in attachment site function", <u>Proceedings of the National Academy of Sciences (PNAS)</u> , Vol 77, No 6, 6/1980, 3220-3224.	
	C78	PCT/US00/05432, PCT ISR mailed on 05/23/2000.	
000000000000000000000000000000000000000	-670	PCT/US06/10082; PCT ICP mailed on 10/10/1006:	000000000000000000000000000000000000000
	C80	PCT/US97/21880, PCT ISR mailed on 09/01/1998.	
	C81	SADOWSKI, PAUL D., Site-Specific Genetic Recombination: Hops, Flips and Flops, Faseb Journal, Vol 7, No 9, 6/1993, 760-767.	
	C82	SAUER, BRIAN et al., Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System, <u>Journal of Cellular Biochemistry</u> , Supplement 10B, Abstract # I340, Alan R. Liss, Inc., 1986, 242.	

	te for form 1449A		o, no persons a	are required to respond to a conection	of information unless it contains a valid UNIB control number
INFO	RMATION	DISCLOSU	JRE		Complete if Known
STAT	EMENT B	Y APPLICA	NT	Application Number	09/517,466
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Sheet	6	of	6	Attorney Docket No: I'	VGN 223

	OTHER	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C83	SAUER, BRIAN et al., "Site-specific DNA Recombination in mammalian cells by the Cre recombinase of bacteriophage P1", <u>Proceedings of the National Academy of Sciences (PNAS)</u> , Vol 85, National Academy of Science, 7/1988, 5166-5170.	
	C84	STRATAGENE, Gene Characterization Kits, 1988, Catalogue, page 39.	
	C85	TEMPLE, GARY F. et al., "Construction of a functional human suppressor tRNA gene: an approach to gene therapy for beta-thalassaemia", <u>Nature</u> , Vol 296, Macmillan Journals Ltd., 4/8/1982, 537-540.	

/Diana B. Johannsen/ 04/07/2009 **EXAMINER DATE CONSIDERED**